

Description

Nucleating Agent

This application is a 371 of PCT/JP00/03912 filed on 06/15/2000.
Technical Field

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The present invention relates to a nucleating agent containing a phosphoric acid ester metal salt, which exhibits excellent handling property and exerts excellent effects of improving transparency and mechanical strength of a resin; and more particularly to a nucleating agent characterized by having a certain average particle size, a certain aspect ratio, and a certain bulk specific gravity which individually fall within specified ranges, the agent exhibiting excellent handling property when incorporated into a resin, and exerting excellent effects of improving transparency and mechanical strength of the resin containing the agent.

Background Art

Phosphoric acid aromatic ester metal salts are typical nucleating agents used to elevate the crystallization temperature of a crystalline synthetic resin and improving transparency and mechanical strength of the resin. Such a phosphoric acid aromatic ester metal salt serving as a nucleating agent is a pillar-shaped crystalline compound. When such an agent is incorporated into a resin, in order to enhance dispersibility of the agent in the resin, the agent is preferably finely pulverized so as to attain a particle